

**REMARKS**

Please reconsider the application in view of the above amendments and the following remarks.

**Rejection(s) under 35 U.S.C § 102**

Claims 1, 5 stand rejected under 35 U.S.C. § 102 as anticipated by U.S. Patent No. 6,621,528 ("Kessler et al."). This rejection is respectfully traversed.

Kessler et al is not valid prior art to this application. As evidenced by the attached declaration under 37 C.F.R. § 1.131, the present invention was made prior to the effective 102(e) date of Kessler et al. Accordingly, withdrawal of this rejection is respectfully requested.

**Rejection(s) under 35 U.S.C § 103**

Claims 2, 3, and 4 stand rejected under 35 U.S.C. § 103 as obvious over Kessler et al. This rejection is respectfully traversed.

Kessler et al is not valid prior art to this application. As evidenced by the attached declaration under 37 C.F.R. § 1.131, the present invention was made prior to the effective 102(e) date of Kessler et al. Accordingly, withdrawal of this rejection is respectfully requested.

**Conclusion**

Applicant believes this reply is fully responsive to all outstanding issues and places this application in condition for allowance. If this belief is incorrect, or other issues arise, the Examiner is encouraged to contact the undersigned or his associates at the telephone number listed below. Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 04995.022001).

Respectfully submitted,

Date: 2/20/01



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**NGB CORPORATION**

Mr. Osha  
February 12, 2004  
Page 2

Your ref.: 04995/022001  
Our ref.: F29-135008M/YAH

①  
APPLICATION FOR PATENT/UTILITY MODEL APPLICATION 1/2

②  
Date of Decision: February 15, 2000

③  
Date of Reception: January 27, 2000

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④  
[Column filled-in by Drafter] Technology Center 2600

A) Number of Invention (Please fill-in a number of idea.)

1

B) Title of Invention (Please fill-in a name of invention.)

Display of DTV receiving channel

C) Will the Invention be carried out? (Please check ☐ to anyone.)

Yes No Project name etc.:

D) Drafter (Please fill-in full name and staff code.)

1. Yoshihiro YAMANISHI

E) Summary (Please fill-in an object and an effect separately, and please attach brief drawing if possible.)

[Object]

To display a list of multiple channels of a DTV

[Effect]

The multiple channel information which is currently received is displayed and it is possible for a user to easily select a station.

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Mr. Osha

February 12, 2004

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Your ref.: 04995/022001

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⑤

APPLICATION FOR PATENT/UTILITY MODEL APPLICATION

2/2

⑥

[Content/Structure of embodiment]

In a DVT, if a multiple broadcasting is transmitted, all CHs transmitted in multiple are displayed upon CH display and CH up/down, so that a user easily selects a channel. It is possible to display the data on the basis of the information transmitted onto a PSIP table.

⑦

[Drawing, Circuit diagram, Flowchart and Block diagram etc.]

⑧

(Current)

⑨

In a case that three sub-CHs are transmitted to Main CH 13, when CH 13-1 is viewed, CBS 13-1 is displayed in a color different from those of the other CHs.

⑩

If a CH is upped, a CH 13-2 is received, and it is displayed in a manner different from those of the other CHs.

⑪

[Prior art]

Even if a multiple broadcasting is transmitted, only one CH is displayed, and it is impossible to know whether any multiple broadcasting is transmitted or not and it is impossible to know how many CHs are transmitted.

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① 特許・実用新案出願のための申請書 1/2

② 決定日 平成12年2月15日 番号 A00-0227 (受付日 12年1月27日) ③

承認 (担当理事)		部署名:						
可決	否決	検印	検印	検印	起案者	起案者	起案者	
決 議 付 記					知的財産権部		合 議	
					検印	検印		

【起案者記載欄】

(太枠内を記入し、上の起案者欄に捺印して下さい)

A) 発明・考案の数 (アイデアの件数を記入して下さい)

/ 件

B) 件名 (発明・考案の名称を記入して下さい)

DTV受信機の表示

C) 実施予定技術かどうか (どちらかに○をつけて下さい)

Yes

No

プロジェクト名など:

D) 起案者 (フルネーム及び社員コードを記入して下さい)

1. 山西良弘					4.				
2.					5.				
3.					6.				

E) 概要 (目的と効果に分けて書き、なるべく簡略図を付けて下さい)

【目的】

DTVの受信中に、一時停止を行う。

【効果】

現在の受信機では、受信中に一時停止を行うことができないため、使用者の要望に応えられない。本発明により、この問題を解決できる。

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5/5

⑤ 特許・実用新案出願のための申請書 2/2

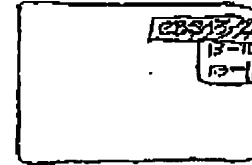
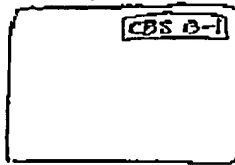
⑥ [内容・実施例の構成]

本IPにおいて放送電波が送られてきた場合、CH表示、Ch up/down等、  
に重畳して送られて来るCHを全て表示をし、使用者が選局し、表示  
とする。このDATAのPSIPテーブル上に送られて来る情報を基に  
表示が可能である。

⑦ [図面・回路図・フローチャート・ブロック図等]

(現行)

(NEW)



Ch up/down

⑨ MAIN CH 13に  
Sub CHが3つ送  
れてくる場合、その13  
CHが13-12"ある"  
CBS 13-1が、Main CH  
と見、表示を格納され  
される。

⑩ CHをupすると  
13-2が最上位に  
表示が、他CHを  
隠すことになる

⑪ [従来技術]

放送電波が来ても、1CH分の表示しかしない。放送電波があるの  
にも関わらず、何CHも送られて来ても、表示されない。

F) 添付資料 (他社公報・カタログ・CAD図面等)

- 1.
- 2.

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**Fax****RECEIVED****APR 27 2004**

Technology Center 2600

**Date:** April 27, 2004**File:** 04995.022001**To:** Examiner Desir**No:** 703-746-5878**From:** Thomas Scherer**Re:** Patent Application Serial No. 09/912,441**Pages (including cover sheet):** 5☐ **URGENT!**☐ **Please Reply**☐ **Please Review  
& Comment**☐ **For Your  
Information****• COMMENTS:**

Per our telephone conversation of today, please find attached the attachments missing from the last filed reply. These missing pages consist of the Japanese language invention disclosure document (2 pages) and a partial translation thereof (2 pages). If you need anything further, please feel free to contact me.

Thomas Scherer

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Rosenthal &amp; Oaha

E 003

U.S. Patent Application Serial No. 09/912,441  
Attorney Docket No. 04995 022001

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yoshihiro YAMANISHI

Art Unit: 2614

Serial No.: 09/912,441

Examiner: J. DESIR

Filed: July 24, 2001

Confirmation No.: 4439

Title: RECEIVER FOR DIGITAL BROADCASTING

Assistant Commissioner for Patents  
Washington, DC 20231DECLARATION PURSUANT TO 37 CFR 81.131

I, hereby declare that:

1. I am the inventor of the present application, i.e., U.S. Patent Application No. 09/912,441.

2. I am currently employed by Funai Electric Co., LTD., who is the assignee of the present application.

3. I conceived and reduced to practice the invention described in the present application.

4. The invention described in the present application was conceived prior to May 24, 2000, i.e., prior to the effective 102(e) date of U.S. Patent No. 6,621,528 B1 ("Kessler et al.").

5. The date of, at least, conception of the invention is evidenced by the enclosed internal application for patent/utility model form (redacted). A partial translation of the internal application for patent/utility model form is also enclosed.

6. I diligently worked on the reduction to practice of the invention from, at least, the date established by the internal application for patent/utility model form until, at least, the date of constructive reduction to practice established by the filing of Japanese Patent Application No. 2000-005232 on July 24, 2000.

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02/17/2004 10:49 FAX 7132288778

Rosenthal &amp; Osha

2004

U.S. Patent Application Serial No. 09/912,441  
Attorney Docket No. 04995 022001

I, Yoshihiro YAMANISHI, hereby declare that all statements made herein of my own knowledge are true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signed this day 18, of February, 2004.  
YOSHIHIRO YAMANISHI

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